

AGENDA

Interagency Scoping Meeting

US 20 Corridor: IL 84 to Bolton Road

Jo Daviess and Stephenson Counties

Meeting Date: September 23, 1993

Meeting Site: Department of Transportation, District 2 Office
819 Depot Avenue, Dixon, Illinois 61021

Meeting Time: 10:00 a.m.

AGENDA

1. Scope of Work Proposed.
2. Purpose and Need for Action.
3. Potential Alignments.
4. Public and Local Officials Involvement.
5. Agency Input.

FAP Rte. 301
U.S. Rte. 20
Galena to Freeport
Jo Daviess & Stephenson Counties
P-92-004-92

MINUTES OF SCOPING MEETING
SEPTEMBER 23, 1993

The U.S. 20 Scoping meeting held at the IDOT District Headquarters in Dixon, Illinois, was brought to order at 10:00 a.m. by Larry Reed, Engineer for Program Development. He began by asking if everyone had a copy of the Agenda and a Scoping Meeting package. He then asked everyone to introduce themselves.

SCOPE OF WORK:

Larry Reed gave a brief description of the proposed project, citing the project's long history.

PURPOSE AND NEED:

Ken Hess went over the objectives of the project, point by point, noting that they were the criteria used to measure the need for the project and are the basis for the Purpose and Need statement in the Environmental Impact Statement (a preliminary draft of the Purpose and Need statement was included in the scoping package). He referred to the "Environmental Scoping Meeting" handout which outlined the table of contents of various technical studies he anticipated during this project. The Agricultural Technical Study methodology has already been coordinated with the IDOT Central Office and the IDOA. Other technical study formats (Noise, Air, Natural Resources) were taken from previous studies.

POTENTIAL ALIGNMENTS:

Kevin Kell gave an overview of the highway corridor within which the alignments would be investigated. Referring to a corridor map made up of quadrangle maps showing the flight-coverage corridors, he explained that we were in the very preliminary stages of developing alignments.

PUBLIC AND LOCAL OFFICIALS INVOLVEMENT:

Paul Biggers explained the major components of the Public Involvement Program which began with a June 17, 1993 meeting in Stockton. He referred to the Citizen's Guide in the scoping package noting that it provided a good overview of the program.

PREVIOUS NORTHERN CORRIDOR:

Larry Reed explained the history of the previous northern corridor which IDOT wishes to eliminate from further study. He clarified its location, pointing out that it did not meet many of the objectives for the project.

Tom DiChiara told of the status of the Apple River Canyon State Park and its continuing development. He explained that this resource apparently makes the previous northern corridor untenable because of Section 4(f) controls.

AGENCY INPUT

UNIVERSITY OF ILLINOIS PUBLIC SERVICE ARCHAEOLOGICAL SURVEY

Kevin McGowan explained what his group had been working on. He indicated that available records show fourteen cultural resource sites in the area, none of which are thought to be eligible for the National Register of Historic Places. He noted that the reason the number of sites is small is that the area is not well studied and that there will be a large increase in the number of known sites because of this study.

He said areas likely to cause a highway alignment to be moved would be Indian (Native American) or early European cemeteries. IDOT/Consultant should expect that Indian burial sites will occur at or near river crossings. John Walthall, IDOT Central Office Environment Section, has been provided information on areas where they think the high potential for such sites occur. There are eight areas in the corridor that are potential "hot spots": six areas with high potential for Indian burial mounds, and two areas with other sensitive archaeological/historical resources. Dr. Paul Kreisa pointed out on the corridor/quadrangle maps where the hot spots occur. These will be more closely analyzed by next spring.

They will provide field information to IDOT as it becomes available, rather than waiting until a report can be finished.

U.S. ARMY CORPS OF ENGINEERS

John Betker said his office did not agree with the approach of trying to integrate NEPA with the 404 permit process. They want to make their public notice concerning the Corps' regulatory requirements when our final EIS has been made available to the public. They do, however, want to work with IDOT and FHWA because they think issues will become identified as part of the public involvement program. The Corps will consider being a Cooperating Agency for this project. They will hold no meetings of their own, but will use IDOT's Public Information Meetings/Hearing to satisfy their needs and requirements.

They expect to see wetland mitigation plans in the draft EIS. IDOT/Consultant should use the 1987 manual for delineating wetlands. Mr. Betker said that from what he knows about the project, he anticipates that individual permits will be

required.

There is new guidance coming out. He expects a Memorandum of Agreement in approximately 90 days between the Corps of Engineers and the Soil Conservation Service which will stipulate that the SCS will make wetland delineation determinations in agricultural areas.

The wetland mitigation plan needs to be fairly detailed showing where, how much and what types of wetlands require mitigation. The level of detail required is not necessarily quantitative, but should demonstrate the viability of replacement wetlands.

In terms of whether wetland replacements should be one large replacement or several small replacements, the kinds of wetlands being replaced will dictate which approach is appropriate.

The Corps wants 1:1 in-kind replacement. IDOT should coordinate with IDOC for state requirements.

In terms of using enhancement rather than replacement, in some cases that is O.K. In general, however, the Corps prefers replacement. He emphasized that IDOT/Consultant is really studying avoidance. Mitigation will come after initial avoidance analysis.

He said that the Corps permits are generally good for five years, but extensions are possible.

The Corps' jurisdiction will include control of almost any kind of work in wetlands, including draining them.

ILLINOIS HISTORICAL PRESERVATION AGENCY

Bill Callahan said Tom Emerson of IHPA needs to be involved in this project for historical and archaeological resources. Mr. Callahan said that a programmatic agreement was needed between his agency and IDOT for this project, combining the historical and pre-historic components of the study. Dr. McGowan said that Mr. Emerson is aware of their archaeological work. Mr. Callahan said he was aware that a number of photographs of historical structures with potentially significant architectural features had been obtained but that further analysis and study was needed. It was pointed out that John Walthall of the Central Office Environment Section has set up a contract to do a study of historical architectural resources in the project area.

FHWA

Jim Partlow said he was pleased with the attendance at this Scoping Meeting by state and federal agencies. He said he would be looking into IDOT's desire to eliminate the previous northern corridor.

USEPA

Milo Anderson said his concerns were:

1. That the northern corridor may be a viable alignment that should not be dropped without further study and should be adequately addressed in the EIS.

(Feedback from the group was that the northern corridor did not address the objectives of the project and that the Apple River Canyon State Park probably would preclude the corridor due to section 4(f) limitations.)

2. Erosion/sedimentation, especially at river crossings. Best management practices should be used.

3. Riparian corridors should be avoided.

Mr. Anderson said he was satisfied with the environmental study methodologies as proposed in the handout by Ken Hess.

Mr. Anderson does not expect there to be an impact on air quality. Ken Hess said that they proposed to look only at carbon monoxide, with which Mr. Anderson agreed. Mr. Anderson said appropriate models to be used are Caline 3 and Mobile 5.1.

USEPA probably will not be a cooperating agency because staffing is limited and they would be unable to make meetings. However, they will review technical reports and drafts of the EIS.

USEPA expects in-kind wetland replacements.

Mr. Anderson said he would like to see the project in the field sometime soon.

ILLINOIS DEPARTMENT OF CONSERVATION

Ken Litchfield said fatal flaws of a proposed highway alignment would be direct impacts on natural areas, nature preserves and/or endangered species. A fatal flaw of the previous northern corridor would be its impact on Apple River Canyon State Park.

He would like to see an ecosystem approach taken to the analysis of natural resources including attention to forest fragmentation and wildlife travel corridors.

He would like for baseline biological survey results to be provided as quickly as possible to the Department of Conservation.

The Department of Conservation expects 1½:1 wetland replacement with 1:1 replacement in-kind and the remainder in enhancements, acquisitions, etc. IDOT/Consultant should follow IDOT/IDOC Memorandum of Agreement on avoidance/minimization/mitigation of wetlands.

There is a need for IDOT to keep the project moving. IDOC may challenge the adequacy of the environmental documents if progress is not made.

ILLINOIS FARM BUREAU

Kevin Rund expressed concern that public involvement work groups might lead to complacency. He suggested we guard against it by encouraging input by other means, such as utility companies interactions at Farm Bureau land owner meetings.

He went on to say we should use existing alignments whenever possible, save farmland, follow property lines when possible, emphasize erosion control, use borrow pits for wetland mitigation and provide adequate compensation for loss of access when going from an expressway design to a freeway design. John Wegmeyer pointed out that we will be studying a freeway initially, and our acquisition of access rights will be for a freeway initially.

ILLINOIS DEPARTMENT OF AGRICULTURE

Jim Hartwig voiced concerns about uneconomical remnants, severed parcels and landlocked parcels. In addition, he had earlier given a list of concerns to IDOT/Consultant as a part of IDOA's review of the Agriculture Technical Study proposal.

Other items he said needed to be addressed:

- Minimize taking of agricultural land
- Consider selling severed parcels to neighboring farmers
- Minimize adverse travel
- Work with land owners in regard to access across the highway (underpasses and culverts)
- Treat Ag land not just as land use but as a natural resource
- Actively seek out input from local landowners (one-on-one contacts)
- Consider attending and participating in Farm Bureau landowners meetings
- Pay particular attention to number 16 in the Agricultural Review Criteria handout
- Prime and important farmland are protected in Illinois. There are no unique farmlands in Illinois. The Soil and Water Conservation District Office can tell IDOT/Consultant what is prime and important.

FOOT NOTES:

1. The following materials were included in the Scoping Meeting package provided to meeting attendees and others invited to attend:

- Scoping Meeting Agenda
- Draft Purpose and Need Statement
- Telephone Survey and Results Summary
- Notice of Intent
- Color map of proposed alignment
- Citizen's Guide
- News clips
- June 2, 1993 News Release for June 17, 1993 Public Meeting
- September 20, 1993 News Release for U.S. Rt. 20 Telephone Survey

In addition, the following materials were handed out at the meeting:

- List of "Objectives of the U.S. Route 20 Project"
- "Environmental Scoping Meeting" package detailing environmental tasks

2. A field review of the project area (van trip) was conducted by IDOT on September 22, 1993 for those persons expressing an interest in seeing the project in the field.

FINAL: 12/30/93

MEETING ATTENDANCE SHEET

LOCATION: IDOT District 2 Office, Dixon, Illinois

DATE: September 23, 1993

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NAME	AGENCY/COMPANY	TELEPHONE NO.
Milo Anderson	U.S. Environmental Protection Agency	(312) 886-2967
John Betker	U.S. Army Corps of Engineers	(309) 794-5380
Paul Biggers	Johnson, Depp & Quisenberry	(217) 529-4534
Michael Bruns	IDOT Central Office, Design/Environment	(217) 782-4770
Bill Callahan	Illinois Historical Preservation Agency	(217) 785-3977
Thomas DiChiara	Louis Berger & Associates	(312) 663-4141
Jim Hartwig	Illinois Department of Agriculture	(217) 782-6297
Ken Hess	Louis Berger & Associates	(312) 663-4141
Larry Hill	IDOT, Dist 2, Environment Unit	(815) 284-5450
Ryan Hippen	IDOT, Dist 2, Consultant Services	(815) 284-5452
Kevin J. Kell	Louis Berger & Associates	(312) 663-4141
Paul Kreisa	University of IL, Archaeology	(217) 333-1636
Sue Laue	Johnson, Depp and Quisenberry	(708) 673-3804
Kenneth L. Litchfield	Illinois Department of Conservation	(217) 782-3715
Matt Macchio	Louis Berger & Associates	(217) 744-8809
Jacqueline McDowell	University of IL, Archaeology	(217) 333-1636
Kevin McGowan	University of IL Archaeology	(217) 333-1636
Jim Partlow	Federal Highway Administration	(217) 492-4622
Larry E. Reed	IDOT, Dist 2, Program Development	(815) 284-5307

MEETING ATTENDANCE SHEET

LOCATION: IDOT District 2 Office, Dixon, Illinois

DATE: September 23, 1993

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GENERAL ATTENDANCE SHEET
U.S. ROUTE 20
~~JOINT WORK GROUPS MEETING~~
SCOPING

23
SEPTEMBER 20, 1993

NAME	ADDRESS	TELEPHONE	WORK GROUP
PAUL BIGGERS	JDDQ - SPRINGFIELD, ILL.	217/529-4534	
Michael Bruns	IDOT - Bureau of Design & Environment Springfield	(217) 782-4770	
Lawrence R Hill	IDOT, Dist 2 Environment Eng 819 Depot Ave, Dixon, IL 61021	815-284-5450	
JOHN BETKER	U.S. ARMY CORPS OF ENG. CLOCK TOWER BLDG. P.O. Box 2904 ROCK ISLAND	(309) 794-5380	
Bill Callahan	OLD STATE CAPITOL SPRINGFIELD IL 62701	217/785-3977 217/524-7525 (FAX)	IL H.S. Preservation AGY.
KEVIN RUND	IFB - P.O. Box 2901 BLOOMINGTON, IL 61702-2901	309/567-3274	
Jim Partlow	3250 Executive Park Dr. Springfield, IL 62703	217-492-4622	Federal Highway Administration
John Sanford	IDOT - SPRINGFIELD DESIGN & ENVIRONMENT	217/ 785-2930	
Matt Macchio	Louis Berger & Assoc. Spfld Ill 62707	217/ 744 8809	
TYAN HIPPIN	IDOT - DIST 2 G & P / CONSULTANT SERVICES	815 784 5457	

GENERAL ATTENDANCE SHEET
U.S. ROUTE 20
~~JOINT WORK GROUPS MEETING~~
SCOPING

23
SEPTEMBER 20, 1993

NAME	ADDRESS	TELEPHONE	WORK GROUP
JIM HARTWIG	Ill. Dept. of Agriculture Springfield, IL	217-782-6297	
Kenneth L. Litchfield	Ill. Dept. of Conservation Spfld.	(217) 782-3715	
Cassandra Rodgers, Ph.D.	Ill. Dept. of Transportation - Dist. 2 Dixon, IL	(815) 284-5455	
Milo Anderson	U.S. EPA, Planning and Assessment Branch, MB171, 77 W. Jackson Blvd., Chicago 60604	(312) 886-2967	
Paul Kreisa, Ph.D.	Univ. of Illinois - Archaeology Dept. of Anthropology, Urbana, IL 61801	(217) 333-1636	
KEVIN McLOWAN, Ph.D.	UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN 607 SOUTH MATTHEWS, DEPT. OF ANTH. Urbana, IL 61801	(217) 333-1636	
Jacqueline McDowell	University of Illinois at Urbana-Champaign 607 S. Matthews Ave., Urbana, IL 61801	217-333-1636	
Shirley Lane	Johnson, Dept. of Mechanical Engineering 9341 Springfield Ave. Evanston, IL 60203	708-673-3804	
KEVIN J. KELL, P.E.	Louis Berger & Associates, Inc. 819 S. Wabash Ave. Chicago, IL 60605	(312) 663-4141	
Norman Schultz	FOOT - D.2. ProjEng - Dixon, Ill.	815-284-5449	

GENERAL ATTENDANCE SHEET
U.S. ROUTE 20
~~JOINT WORK GROUPS MEETING~~
SCOPING

SEPTEMBER ~~20~~, 1993

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ENVIRONMENTAL SCOPING MEETING

U.S. Route 20 Freeway Between Illinois 84 West of Galena and Bolton Road Near Freeport Jo Daviess and Stephenson Counties, Illinois

Project Description: The proposed project is referred to as FAP Route 301 between Galena and Freeport in Jo Daviess and Stephenson Counties, Illinois. The proposed project is commonly referred to as the Route 20 Bypass Freeway Project between Illinois 84 north of Galena in Jo Daviess County to Bolton Road west of Freeport in Stephenson County. The proposed project will include in stages, the construction of a new four-lane freeway bypass between Galena and Freeport. The construction of the new freeway will also include grade separated intersections at various locations along the roadway.

Environmental Scope of Work: Louis Berger & Associates, Inc. (LBA) will provide professional services to the Illinois Department of Transportation (IDOT) and prepare an Environmental Impact Statement (EIS) for the construction of a four-lane, access-controlled freeway between Galena and Freeport, Illinois. Specific Tasks include the preparation of draft and final Environmental Technical Studies for Natural Resources, Noise, Air Quality and Agriculture/Farmlands as well as the Draft and Final EIS. The field investigations for the various disciplines will be performed by IDOT and its consultants, including LBA, Illinois Natural History Survey (biological and natural resources) and the University of Illinois (cultural resources). All baseline data and conditions will be presented as well as analysis of impacts and identification of appropriate mitigation measures.

ENVIRONMENTAL TASKS

Development of Purpose and Need Statement

Analysis of Preliminary Northern Corridor Analysis Alignment Study

Analysis of Preliminary Alignments

Identification of Environmental Constraints Within a 2,000-Foot Wide Corridor by Alignment.

- Natural Resources
- Cultural Resources
- Hazardous Materials
- Biological Resources
- Socioeconomics
- Aesthetics

Identification of Alignments for Further EIS Evaluation.

Environmental Technical Studies

LBA, in conjunction with IDOT environmental staff will prepare the following Environmental Technical Studies:

- Agriculture/Farmlands

Attached is the proposed outline for the Agriculture Technical Study for this project. Also attached is a listing of the Agricultural Review Criteria from the Illinois Department of Agriculture which will be considered in the Technical Document. In the EIS, agriculture will be considered as a natural resource in the analysis. Where deemed appropriate and necessary, the analysis will include potential impacts to Centennial Farm properties.

- Noise

Attached is a sample outline to be used for the noise analysis. Up to 20 receptors will be identified for monitoring and modeling. Each receptor will be modeled for 30 minutes during the peak traffic hours. Traffic counting will occur during monitoring. Appropriate locations for noise barriers will be identified.

- Air Quality

Attached is a sample outline to be used for the air quality analysis. One worse-case site will be modeled for each alternative and the no-build. MOBILE 5A will be used. Only Carbon Monoxide (CO) will be considered in the model runs.

- Natural Resources

IDOT environmental staff will prepare the baseline analysis report with impacts and mitigation to be performed by LBA. A HEP analysis will not be considered for this project. Attached is a copy of the sample technical report outline and a listing of the responsibilities for the Natural Resources Analysis.

- Other Studies

In addition to the above technical studies, LBA will also prepare hydrological, geometric and visual resources studies which will support the development and findings of the Location Design Report, Environmental Technical Studies and EIS.

No technical studies will be prepared for hazardous waste, socioeconomics, aesthetics and cultural resources. These environmental issues will be discussed in detail in the Draft and Final EIS documents.

Draft and Final EIS

LBA will prepare the Draft and Final EIS documents. These documents will include the following components:

- Executive Summary/Abstract
- Introduction
- Description of the Proposed Project/Project History
- Purpose and Need
- Project Alternatives Including Alternatives Considered and Rejected
- Description of the Affected Environment
- Environmental Impacts and Mitigation
- Adverse Impacts Which Cannot Be Avoided
- Relationship Between the Short-Term Use of the Environment and the Maintenance and Enhancement of Long-Term Productivity
- Irreversible and Irretrievable Commitments of Resources
- Comments and Coordination
- List of Preparers
- Agencies, Organizations and Persons to Whom Copies of the EIS Are Provided
- Index
- Appendices